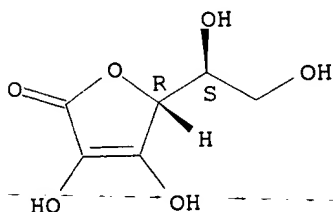


L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1993:146587 CAPLUS
 DOCUMENT NUMBER: 118:146587
 TITLE: Suspensions of micron-sized ascorbic acid particles and their use as antioxidants
 INVENTOR(S): Todd, Paul H., Jr.
 PATENT ASSIGNEE(S): Kalamazoo Holdings, Inc., USA
 SOURCE: PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9300015	A1	19930107	WO 1992-US4874	19920610
W: JP, KR				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
US 5230836	A	19930727	US 1991-717926	19910620
EP 590029	A1	19940406	EP 1992-913549	19920610
EP 590029	B1	20001018		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
JP 06508748	T2	19941006	JP 1992-501506	19920610
AT 196979	E	20001115	AT 1992-913549	19920610
CA 2071415	AA	19921221	CA 1992-2071415	19920617
US 5290481	A	19940301	US 1992-960721	19921014
US 5296249	A	19940322	US 1992-960912	19921014
US 5314686	A	19940524	US 1992-960715	19921014
PRIORITY APPLN. INFO.:				
			US 1991-717926	19910620
			WO 1992-US4874	19920610
AB	Particles of ascorbic acid with a diam. .ltoreq.38 .mu.m are used as an antioxidant for foods in which ascorbic acid is insol. (e.g. fats and oils). These particles are prep'd. by wet-milling of ascorbic acid in a solvent in which it is insol. The use of the powder to stabilize fats and glyceridic oils, paprika oleoresin, and chicken fat against oxidn. is demonstrated.			
IT	50-81-7, Ascorbic acid, properties			
	RL: PRP (Properties)			
	(microparticulate, as antioxidant for fatty and hydrophobic foods)			
RN	50-81-7 CAPLUS			
CN	L-Ascorbic acid (8CI, 9CI) (CA INDEX NAME)			
Absolute stereochemistry.				



L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS

RN 50-81-7 REGISTRY

CN L-Ascorbic acid (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN (+)-Ascorbic acid

CN 3-keto-L-Gulofuranolactone

CN 3-Oxo-L-gulofuranolactone

CN Adenex

CN Allercorb

CN Antiscorbic vitamin

CN Antiscorbutic vitamin

CN Ascoltin

CN Ascorbajen

CN Ascorbic acid

CN Ascorbutina

CN Ascorin

CN Ascorsteal

CN Ascorvit

CN C-Quin

CN C-Vimin

CN Cantan

CN Cantaxin

CN Catavin C

CN Ce-Mi-Lin

CN Ce-Vi-Sol

CN Cebicure

CN Cebion

CN Cebione

CN Cecon

CN Cegiolan

CN Ceglion

CN Celaskon

CN Celin

CN Cemagyl

CN Cenetone

CN Cereon

CN Cergona

CN Cescorbat

CN Cetamid

CN Cetemican

CN Cevalin

CN Cevatine

CN Cevex

CN Cevimin

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CN Cevitamic acid

CN Cevitamin

CN Cevitan

CN Cevitex

CN Chewcee

CN Ciamin

CN Cipca

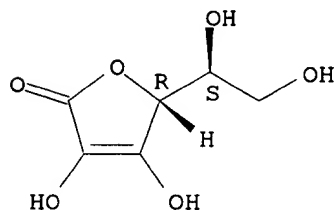
CN Citrovit

CN Colascor

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

FS STEREOSEARCH
 DR 56533-05-2, 57304-74-2, 57606-40-3, 56172-55-5, 129940-97-2, 14536-17-5,
 50976-75-5, 154170-90-8, 89924-69-6, 30208-61-8, 259133-78-3
 MF C6 H8 O6
 CI COM
 LC STN Files: AGRICOLA, AIDSLINE, ANABSTR, APILIT, APILIT2, APIPAT,
 APIPAT2, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA,
 CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CIN, CSCHM, CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU,
 EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IMSDIRECTORY,
 IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PHAR,
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 USAN, USPATFULL, VETU, VTB
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 Other Sources: DSL**, EINECS**, TSCA**, WHO
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Absolute stereochemistry.

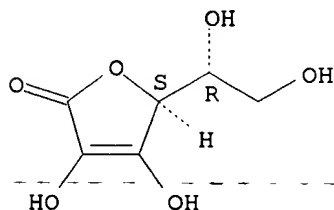


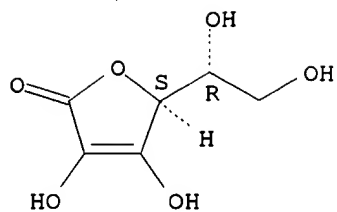
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 40929 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
 RN 10504-35-5 REGISTRY
 CN D-Ascorbic acid (7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN D-Lyxascorbic acid
 CN D-threo-Hex-2-enonic acid, .gamma.-lactone
 CN D-Xyloascorbic acid
 CN Xyloascorbic acid, D-
 FS STEREOSEARCH
 MF C6 H8 O6
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS,
 CASREACT, CHEMINFORMRX, GMELIN*, HODOC*, SPECINFO, TOXLINE, TOXLIT,
 USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).





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AB Particles of ascorbic acid with a diam. .ltoreq.38 .mu.m are used as an antioxidant for foods in which ascorbic acid is insol. (e.g. fats and oils). These particles are prepd. by wet-milling of ascorbic acid in a solvent in which it is insol. The use of the powder to stabilize fats

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IT 50-81-7, Ascorbic acid, properties

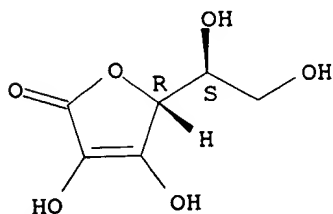
RL: PRP (Properties)

(microparticulate, as antioxidant for fatty and hydrophobic foods)

RN 50-81-7 CAPLUS

CN L-Ascorbic acid (8CI, 9CI) (CA INDEX NAME)

Absolute stereochemistry.



L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS

RN 50-81-7 REGISTRY

CN L-Ascorbic acid (8CI, 9CI) (CA INDEX NAME)

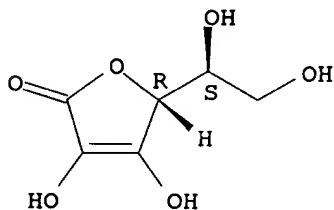
OTHER NAMES:

CN (+)-Ascorbic acid
CN 3-keto-L-Gulofuranolactone
CN 3-Oxo-L-gulofuranolactone
CN Adenex
CN Allercorb
CN Antiscorbic vitamin
CN Antiscorbatic vitamin
CN Ascoltin
CN Ascorbajen
CN Ascorbic acid
CN Ascorbutina
CN Ascorin
CN Ascortéal
CN Ascorvit
CN C-Quin
CN C-Vimin
CN Cantan
CN Cantaxin
CN Catavin C
CN Ce-Mi-Lin
CN Ce-Vi-Sol
CN Cebicure
CN Cebion
CN Cebione
CN Cecon
CN Cegiolan
CN Ceglion
CN Celaskon
CN Celin
CN Cemagyl
CN Cenetone
CN Cereon
CN Cergona
CN Cescorbat
CN Cetamid
CN Cetemican
CN Cevalin
CN Cevatine
CN Cevex
CN Cevimin
CN Cevital
CN Cevitamic acid
CN Cevitamin
CN Cevitan
CN Cevitex
CN Chewcee
CN Ciamin
CN Cipca
CN Citrovit
CN Colascor

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Absolute stereochemistry.

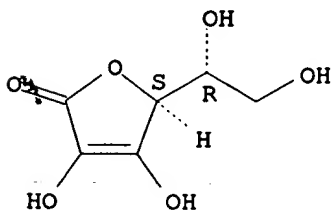


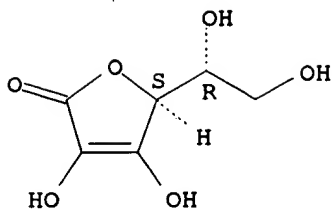
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 CASREACT, CHEMINFORMRX, GMELIN*, HODOC*, SPECINFO, TOXLINE, TOXLIT,
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Absolute stereochemistry. Rotation (-).





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